

Fitting Instructions KCA382

WHITELINE
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Code: Z297

Application: Holden / Opel Astra TS 1996-2004 Mk II

Refer application to catalogue for exact listing.

NOTE: Not suitable for models with vertical pivot bushes.

KCA382 is designed to increase caster setting by up to 0.5 degree, while at the same time reducing bush compliance. The result is dramatically improved traction, reduced understeer, increased negative dynamic camber, increased vehicle stability and steering feedback.

KCA382 contains 2 bushes designed to replace front lower control arm - inner rear bush. Suitable for models with horizontal pivot lower control arm bushes only.

Contents: Each kit contains the following parts;

- ✓ 2 x front control arm, rear-bush - front half-bushes
- ✓ 2 x front control arm, rear-bush - rear half-bushes
- ✓ 2 x off-set tubes
- ✓ 1 x grease sachet

Installation guide: (please read the complete fitting instructions before commencing work)

1. Whiteline recommend that all work be carried out by a qualified technician and it is recommended to measure wheel alignment settings prior to fitment.
2. Raise front of the vehicle, support the vehicle on safety chassis stands, and remove the front wheels.
3. Remove lower control arm from vehicle.
4. Using suitable press, remove rear bushes from control arm.
5. Clean the inside of the control arm, and lubricate control arm and bushes with grease supplied.
6. Fit new bushes to control arm.
Note: Bush with smaller shoulder must be facing towards the front of the car.
7. Fit new off-set tubes into bushes.

*Note: To increase caster, align the metal tubes with the holes off-set towards the **inside** of the car. Refer Fig 1. This has the effect of lengthening the control arm, and pivoting the wheel forward about the front bush.*

8. Refit the arm to the vehicle and torque all bolts to manufacturer's settings.
9. Measure wheel alignment and adjust as required.
10. Check & re-tension all fittings again after 100kms but no more then 200kms.

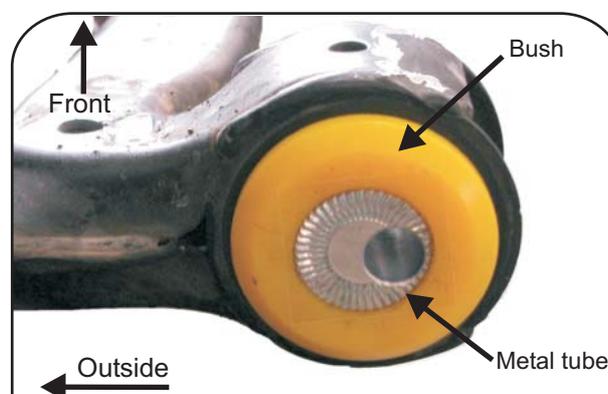


Fig 1. Positive Caster

Installed with metal tube hole off-set inboard for **positive** caster adjustment (recommended)

Warning: Please drive carefully while you accustom yourself to the changed vehicle behaviour.